

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method, comprising:

receiving, at a media access controller (MAC), a first request for a connection from a requesting agent, ~~said the~~ first request having a quality of service parameter indicating one of a multimedia connection and a data connection;

sending to a dynamic host configuration protocol (DHCP) server a second request for one of a plurality of network addresses using one of first and second MAC addresses associated with ~~said the~~ MAC based on ~~said the~~ quality of service parameter, wherein ~~said the~~ sending ~~said the~~ second request comprises:

retrieving ~~said the~~ quality of service parameter from ~~said the~~ first request,

sending ~~said the~~ second request for a first network address using ~~said the~~ first MAC address if ~~said the~~ quality of service parameter indicates a the multimedia connection, and

sending ~~said the~~ second request for a second network address using ~~said the~~ the second MAC address if ~~said the~~ quality of service parameter indicates a the data connection;

receiving a network address in accordance with ~~said the~~ second request; and

sending the received network address to ~~said the~~ requesting agent to establish ~~said the~~ connection in accordance with ~~said the~~ first request.

2. (Currently Amended) The method of claim 1, wherein each network address from ~~said~~ the plurality of network addresses comprises a network address for a different network.

3. (Currently Amended) The method of claim 1, wherein a first network address from ~~said~~ the plurality of network addresses comprises a network address for a private network, and a second network address from ~~said~~ the plurality of network addresses comprises a network address for a public network.

4. (Currently Amended) The method of claim 3, wherein ~~said~~ the connection comprises a multimedia connection.

5. (Currently Amended) The method of claim 4, wherein ~~said~~ the multimedia connection comprises one of a voice connection, video connection and audio connection.

6. (Currently Amended) The method of claim 3, wherein ~~said~~ the connection comprises a data connection.

7. (Canceled)

8. (Currently Amended) The method of claim 1, wherein ~~said~~ the second request is a dynamic host configuration protocol (DHCP) request.

9. (Currently Amended) The method of claim 8, wherein ~~said~~ the sending ~~said~~ the second request comprises:

sending ~~said~~ the dynamic host configuration protocol request to a the DHCP server; and

receiving ~~said~~ the network address from ~~said~~ the DHCP server.

10. (Currently Amended) An apparatus, comprising:

a media access controller (MAC) having a plurality of MAC addresses;

a requesting agent to connect to ~~said~~ the MAC, ~~said~~ the requesting agent to send a first request for a network address; and

a driver module to connect to ~~said~~ the MAC and ~~said~~ the requesting agent, ~~said~~ the driver module to receive ~~said~~ the first request and determine whether ~~said~~ the first request is for one of a multimedia connection or data connection, ~~said~~ the driver module to instruct ~~said~~ the MAC to send a second request to a dynamic host configuration protocol (DHCP) server, the DHCP to connect to the MAC, for a first network address using a first MAC address if ~~said~~ the first request is for a multimedia connection, and to send a second request for a second network address using a second MAC address if ~~said~~ the first request is for a data connection.

11. (Currently Amended) The apparatus of claim 10, wherein ~~said~~ the driver module sends ~~said~~ the first or second network address to ~~said~~ the requesting agent to establish ~~said~~ the connection in accordance with ~~said~~ the first request.

12. (Currently Amended) The apparatus of claim 10, wherein ~~said~~ the requesting agent comprises part of a multimedia module.

13. (Currently Amended) The apparatus of claim 12, wherein ~~said~~ the multimedia module comprises a multimedia terminal adapter and analog telephone.

14. (Currently Amended) The apparatus of claim 12, wherein ~~said~~ the multimedia module comprises at least one of a packet telephone, video equipment and audio equipment.

15. (Currently Amended) The apparatus of claim 10, wherein ~~said~~ the requesting agent comprises part of a data module.

16. (Currently Amended) The apparatus of claim 15, wherein ~~said~~ the data module comprises one of a computer, server and workstation.

17. (Currently Amended) The apparatus of claim 10, ~~further comprising a dynamic host configuration protocol (DHCP) server to connect to said MAC, said wherein the DHCP server to receive said second request, retrieve~~ retrieves one of ~~said~~ the first network address and the second network address from a DHCP table, and ~~send said~~ sends the retrieved network address to ~~said~~ the MAC.

18. (Currently Amended) A computer readable medium storing computer executable instructions, ~~said~~ the computer executable instructions defining steps comprising:

receiving, at a media access controller (MAC), a first request for a connection from a requesting agent, ~~said~~ the first request having a quality of service parameter indicating one of a multimedia connection and a data connection;

sending from the MAC to a dynamic host configuration protocol (DHCP) server a second request for one of a plurality of network addresses using one of first and second MAC addresses associated with ~~said~~ the MAC based on ~~said~~ the quality of service parameter, wherein ~~said~~ the sending ~~said~~ the second request comprises:

retrieving ~~said~~ the quality of service parameter from ~~said~~ the first request,

sending ~~said~~ the second request for a first network address using ~~said~~ the first MAC address if ~~said~~ the quality of service parameter indicates a the multimedia connection, and

sending ~~said~~ the second request for a second network address using ~~said~~ the second MAC address if ~~said~~ the quality of service parameter indicates a the data connection;

receiving a network address in accordance with ~~said~~ the second request;
and

sending the received network address to ~~said~~ the requesting agent to establish ~~said~~ the connection in accordance with ~~said~~ the first request.

19. (Canceled)

20. (Currently Amended) The computer readable medium of claim 18, wherein the computer executable instructions defining the step of sending a second request comprise computer executable instructions defining the steps of:

sending a dynamic host configuration protocol (DHCP) to a the DHCP server; and

receiving ~~said~~ the network address from ~~said~~ the DHCP server.